

Abstract

A rolling bearing 1 is provided to support the rotating member of a small motor of an information-processing device wherein the groove radius ratio of the raceway groove of the inner race 2 is in the range from 52% up to 54%, while the groove radius ratio of the raceway groove of the outer race 3 is in the range from 54% up to 56%, and whereby the small motor rotates at a high rotation speed with a prolonged acoustic life.